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SUBSTITUTE SPECIFICATION

TITLE OF THE INVENTION

FIXING UNIT HAVING A PLURALITY OF HEATERS,

IMAGE FORMING APPARATUS AND

5 METHOD OF DETERMINING TEMPERATURE DETECTING
POSITION OF TEMPERATURE SENSOR

BACKGROUND OF THE INVENTION

This application claims the benefit of a Japanese
10 Patent Application No.2003-098055 filed April 1, 2003,
in the Japanese Patent Office, the disclosure of which
is hereby incorporated by reference.

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1. Field of the Invention

The present invention generally relates to, and
15 more particularly to fixing units and image forming
apparatuses, and more particularly to a fixing unit
having a battery for supplying power to a heater, an
image forming apparatus having such a fixing unit, and a
method of determining a temperature detecting position
20 of a temperature sensor.

2. Description of the Related Art

Generally, electrophotography type image forming
apparatuses such as copying apparatuses, printers,
facsimile apparatuses and composite apparatuses, form a
25 toner image on a recording medium such as recording